

SLIDE PULLEY OF BELT TYPE CONTINUOUSLY VARIABLE TRANSMISSION, AND ITS MANUFACTURE

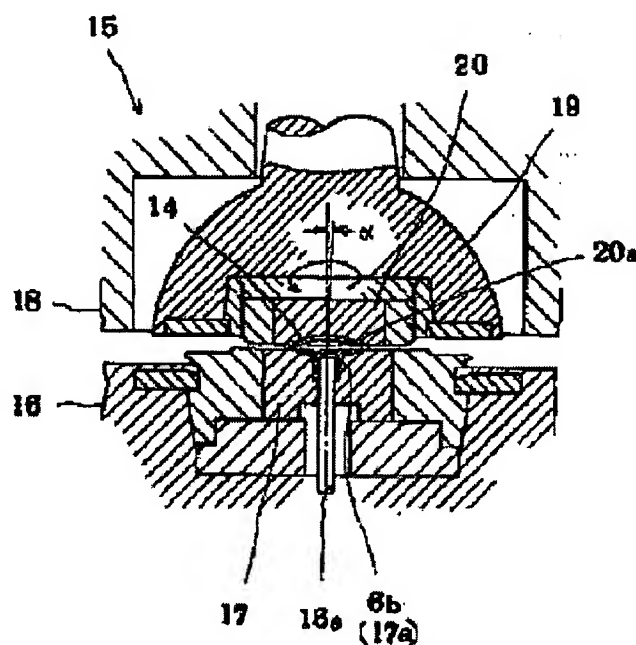
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Abstract of JP11182641

PROBLEM TO BE SOLVED: To reduce the wear and damages of a cone surface by forming a large-diameter and conical intermediate pulley by making stock fiber flow spirally flow, and forming a shaft hole in an axial part of the intermediate pulley.

SOLUTION: A lower die 17 is fitted to a center part of an upper surface of a movable base to be moved in the vertical direction. A boss part 6b of a primary formed product is fitted to a fitting hole 17a of the lower die 17, an oscillating base 19 is oscillated in the prescribed direction, and the lower die 17 is moved upward through the movable base 16. An upper die indenter 20 fitted to the oscillating base 19 is moved in the tangential direction relative to the upper surface while being brought into contact with the upper surface of the primary formed product on the radius in a linearly manner, and an upper part of the primary formed product is plastically deformed into a large-diameter and conical shape while making its fiber flow spirally flow. Then, an axial part of an intermediate pulley 14 is punched with a press to form a shaft hole to be communicated with a preliminary shaft hole.



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